

F16.1

PROVIDE OF DON OF SELECTING A CERTAIN TYPE OF CHANNEL (SUCH AS PAY-PER-VIEW) AS A PREFERENCE ATTRIBUTE 1-52 PROVIDE OPTION OF SELECTING A GIVEN AIRING OF A PROGRAM AS A PREFERENCE ATTRIBUTE PROVIDE OPTION OF SELECTING A GIVEN PROGRAM SERIES AS A PREFERENCE ATTRIBUTE PROVIDE OPPION OF SELECTING A GENRE OR A CATEGORY OR ~58 OTHER GROUPING AS A PREFERENCE ATTRIBUTE PROVIDE OPTION OF SELECTING A GIVEN RATING RANGE OF RATINGS. FOR PARENTAL CONTROL ADVISORY AS A PREFERENCE ATTRIBUTE PROVIDE OPTION OF SELECTING A GIVEN ACTOR OR ACTRESS AS A PREFERENCE ATTRIBUTE PROVIDE OPTION OF SELECTING A GIVEN TOPIC, KEYWORD, OR SPORTING TEAM AS A PREFERENCE FIG. Za ATTRIBUTE

TO FIG. 26

PROVIDE OPTION OF SELECTING A
GIVEN WORD OR PHRASE IN A
PROGRAM DESCRIPTION AS A
PREFERENCE ATTRIBUTE

PROVIDE OFF OF SELECTING A

GIVEN CHANNEL AS A PREFERENCE

ATTRIBUTE

PROVIDE OPTION OF SELECTING A

GIVEN START TIME, END TIME, OR

RANGE OF TIMES AS A

PREFERENCE ATTRIBUTE

PROVIDE OPTION OF SELECTING
ORIGINAL PROGRAMS OR REPUNS
AS A PREFERENCE ATTRIBUTE

PROVIDE OPTION OF SELECTING

A GIVEN BROADCAST CHARACTERISTIC

SUCH AS CLOSED-CAPTION ING OR

SECOND AUDIO PROGRAM AS

A PREFERENCE ATTRIBUTE

FIG, 2b

PROVIDE OPTION OF SELECTING A
GIVEN LANGUAGE AS A PREFERENCE
ATTRIBUTE

PROVIDE OPPION OF SELECTING PROGRAMS
WITH A SPECIFIED CRITICS RATING
OR HIGHER) AS A PREFERENCE
ATTRIBUTE

PREFERENCE ATTRIBUTE

SERIES # 1

SERIES #2

SERIES #3

MOVIES

GAME SHOWS

NEWS

BASE BALL

COMEDY

JOHN WAYNE

ARNOLD SCHWARZENEGGER

F16,3

PROVIDE OPTION OF SPECIFYING

PRIORITY OR SORT ORDER

FOR EACH OF THE SELECTED

PREFERENCE ATTRIBUTES

82

LIST

84

TUNE

,86

DISPLAY LIST OF

CURRENT OR FUTURE

PROGRAMMING BASED

ON SELECTED

PREFERENCE ATTRIBUTES

AND SPECIFIED

PRIORITY OR SURT ORDER

ALLOW TUNING TO

CERTAIN CHANNELS

BASED ON SELECTED

PREFERENCE ATTRIBUTES

AND SPECIFIED

PRIORITY OR SORT

ORDER

ALLOW AN INDIVIDUAL

AIRING OF A PROGRAM

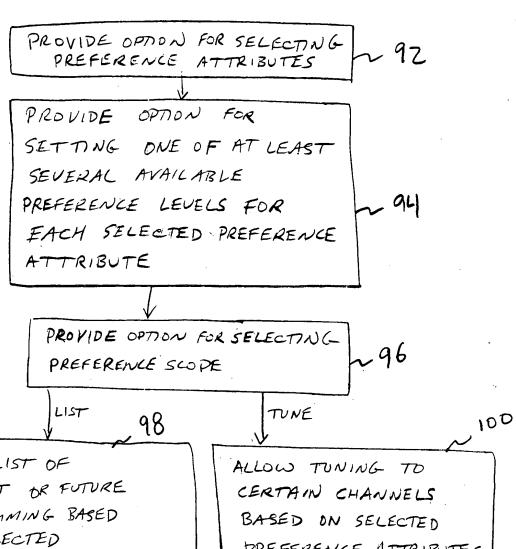
THAT WAS SELECTED AS

A PREFERENCE ATTRIBUTE

TO EXPIRE AFTER PROGRAM

IS AIRED

PROVIDE OPTION OF DESELECTING
PREFERENCE ATTRIBUTES



DISPLAY LIST OF CURRENT OR FUTURE PROGRAMMING BASED ON SELECTED PREFERENCE ATTRIBUTES. SELECTED PREFERENCE LEVELS, AND SELECTED SCOPE

PREFERENCE ATTRIBUTES SELECTED PREFERENCE LEVELS, AND SELECTED SCOPE

•	,		102
		PREFERENCE ATTRIBUTE	PREFERENCE
		COMEDY	STRONG LIKE
		DISNEY CHANNEL	WEAK LIKE
104 -		HORROR	WEAK DISLIKE = 106
		ARNOLD SCHWARZENEGGER	STRONG DISLIKE
		LLOSE-CAPTIONE	MANDATORY
		R RATING	ILLEGAL
		ENGLISH	MANDATORY
•		TV-MA RADNC	ILLEGAL
		NC-17 RATING	ILLE G-AL
٠		ScopE = LIKES	ONLY

108

HIGHEST LEVEL	75	a 3	75	۶۲ د	NEUTRAL	Sp	2r+ wD
MANDATORY # NOT ILLEGAL.	>-	>	2	3	> ~	· >-	> -
CC RATING	74-VT	PG-13	~	Ġ	74-86	16-13	P6-13
31	>	>-	>	3	2	>	> -
GENRE	COMEDY	HORROR	COMEDY	Lomedy	DRAMA	ACTION HORROR	COMEDY HORROR
776	SEIN FELD	THE SHIMING	DANTES PEAK	NIGHT AT THE OPERA	ER	TERMINATOR	MY STEPMOTHER IS AN ALIEN
WIDE Scope	>-	>-	ર	2	>-	> -	>-
MODERATE SCOPE	·>-	շ	>	2	> -	· Z	>-
NARROWS	> -	2	7	>	>	>	>-

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PROFILE NO	0.1
SEINFELD	SL
COMEDY	SL
HORROR	SD
RERUNS	WD
"BOND"	SL
SCOPE = NARRO	iU

re	OFILE	VO. Z
E	SPN	WL
H	lockEY	SL
5	AP	WL
(OMEDY	WL
		•
3	COPE =	_
}	MODERA	4TE

_	PROFILE NO	0. 3
	CRITICS' RATING ABOVE 3#	SL
	MOVIES	SL
	SPORTS	SD
1	PAY-PER-UIEW	WL
	SCOPE = NARROW	

PROVIDE OPTION OF SELECTING WHICH PROFILE TO MAKE ACTIVE

DISPLAY LIST OF PROGRAMMING

OR ALLOW TUNING TO CERTAIN

CHANNELS BASED A SINGLE OR

MULTIPLE ACTIVE PROFILES

112

TUNE TO A SELECTED PROGRAM.
OR HIGHLIGHT A DESIRED
PROGRAM LISTING

FAV KEY PRESSED

PROVIDE OPPORTUNITY
TO MODIFY OR CREATE

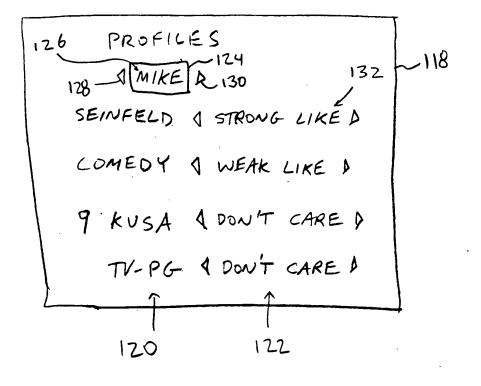
PROFILE BASED ON

CHARACTERISTICS OF

SELECTED PROGRAM

OR HIGHLIGHTED PROGRAM

LISTING



F16.12

PROFILES 1 MIKE D = 136 PROGRAMS & SEINFELD D w 138 1 STRONG LIKE D CATEGORY & COMEDY D 2 140 & STRONG LIKE & RATING &G & 2142 1 DON'T CARE) CHANNEL 1 2 D 1 DON'T CARE D

F16, 13

MONITOR WHICH

PROGRAMS ARE WATCHED

BY USER BY MONITORING

VIEWING TIMES, CHANNELS,

AND FREQUENCIES

 ~ 148

AUTOMATICALLY MODIFY
PROFILE BASED ON
WHICH PROGRAMS ARE
WATCHED

150

PROVIDE OPPORTUNITY TO

REVIEW AUTOMATIC

PROFILE MODIFICATIONS

AND TO REMOVE OR

CHANGE THESE

MODIFICATIONS

152

F16, 14

PROVIDE OPTION OF

DISABLING AUTOMATIC

PROFICE MODIFICATIONS

154

PROVIDE OPTION OF TURNING
ANTO-REMINDERS ON

158

DISPLAY AUTOMATIC

REMINDERS BASED ON

PROFILE THAT IS ACTIVE

JUST PRIOR TO THE

SCHEDULE D BROADCAST

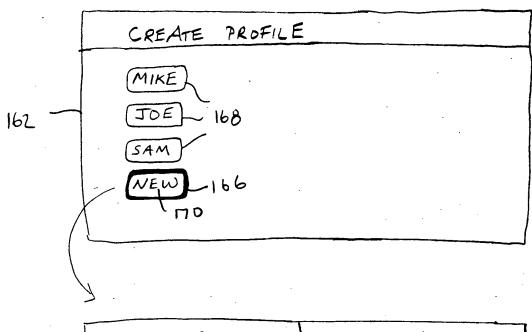
TIMES OF PROGRAMS

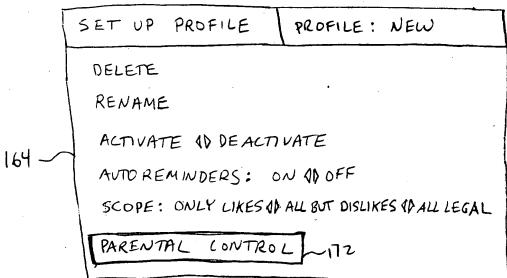
SATISFYING THE ACTIVE PROFILE

USER SELECTS "VIEW NOW"

TUNE TO PROGRAM
FOR WHICH REMINDER 160
WAS DISPLAYED

F16, 15

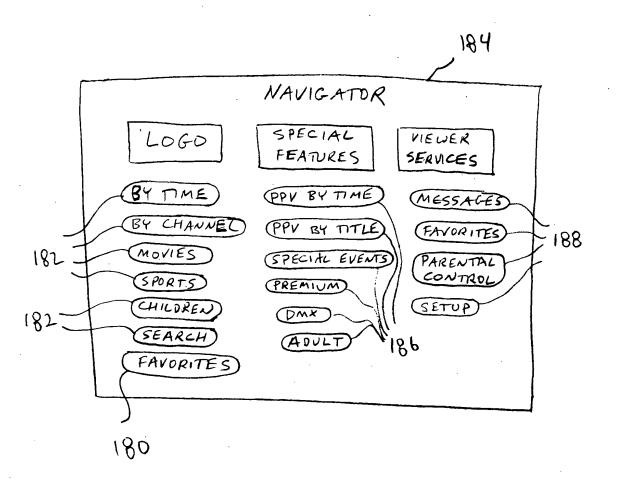




F1616

PROVIDE OPPORTUNITY TO SELECT FAVORITES BY-TIME DISPLAY FORMAT OPTION PROVIDE OPPORTUNITY TO SELECT FAVORITES. 176 ALWAYS ON DISPLAY MODE PROVIDE OPPORTUNITY TO SELECT DISPLAY MODE IN WHICH -178 ALL PROGRAMS ARE DISPLAYED BUT IN WHICH HIGHLIGHT MOVEMENT IS RESTRICTED TO PROGRAMS SATISFYING PROFILE

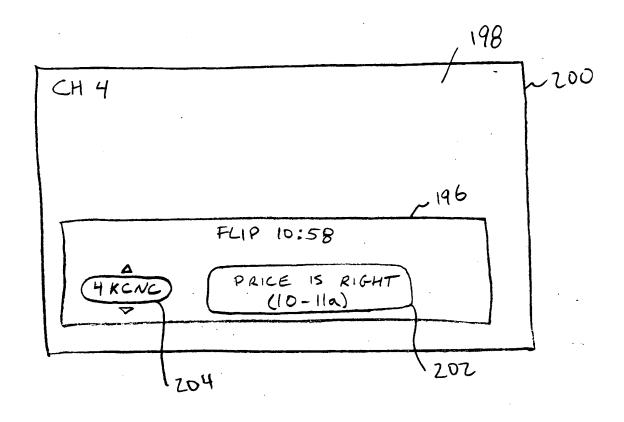
F16.17



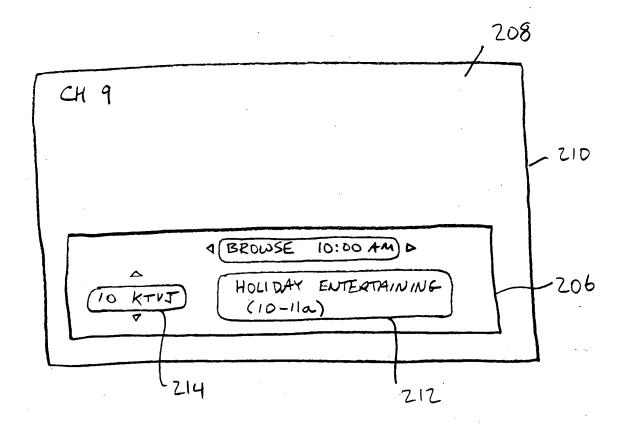
F16.18

TIME	CH	TITLE		
9:00 PM	4	SEINFELD		
10:00 PM	2.	DANTES PEAK		
10:00 PM	7	ER		
PROFILE AMIKED SCOPE 1 ONLY LIKES D = 196				

FIG. 19



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				<i>-</i> 21
	TIME	CH	TITLE	
	10:00 PM	4	DANTE'S PEAK	1
PRESS (10:00 PM	5	NEWS	
Z	10:00 PM	7	ER	1

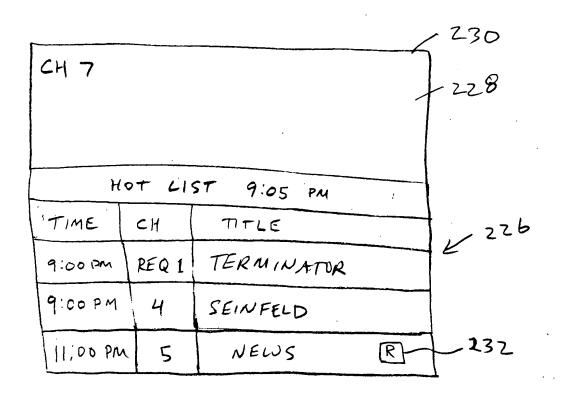
F16. ZZ

SELECT SELECT SELECT FAVORITES ALWAYS-ON MODE TO OPTION RESTRICT MODE FROM NAVIGATOR HIGHLIGHT MOVEMENT DISPLAY LIST OF PROGRAMS RESTRICT LISTINGS DISPLAY ALL SATISFYING CRITERIA IN AND TUNING OPPIONS TO PROGRAMS IN PROFILE IN BY-TIME PROGRAMS SATISFYING LISTINGS BUT ORDERED LIST PROFILE REGARDLESS OF RESTRICT PARTICULAR DISPLAY HIGHLIGHT 220 MOVEMENT TO OR TUNING MODE PROGRAMS SATISFYING 222 PROFILE 224

F16.23

TIME	CH	TITLE	
9:00, PM	(4/	SEINFELD M	
10:00 PM	4	DANTES PEAK MY	- RED
10:00 PM	5	NEWS RED	C RED
10:00 PM	7	ER	
10:00 PM	9	FOOT BALL	~ GREEN
	·	All the state of t	- Green
	•		

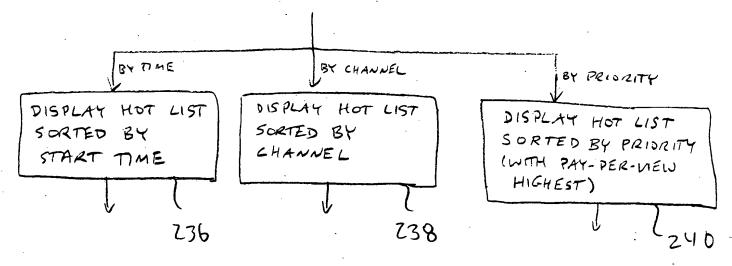
F16.24



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PROVIDE OPPORTUNITY TO
SELECT OPTION OF DISPLAYING
HOT LISTASHORT TIME BEFORE
SCHEDULED BROAD CAST TIME
OF PROGRAMS ON HOT LIST
AND TO ADJUST THIS TIME

2 34



F16.27

PERSONAL IDENTIFICATION NUMBER SETUP

PROFILE STORY DELETING, OR CHANGING MANDATORY ATTRIBUTES Y N

258 — ADDING, DELETING, OR CHANGING MANDATORY ATTRIBUTES Y N

258 — ADDING, DELETING, OR CHANGING MANDATORY ATTRIBUTES Y N

258 — ADDING, DELETING, OR CHANGING MANDATORY ATTRIBUTES Y N

258 — ADDING, DELETING, OR CHANGING MANDATORY ATTRIBUTES Y N

258 — ADDING, DELETING, OR CHANGING LIKES AND DISCIRES Y N

MASTER PROFICE

R RATING ILLEGAL
ENGLISH MANOATTORY

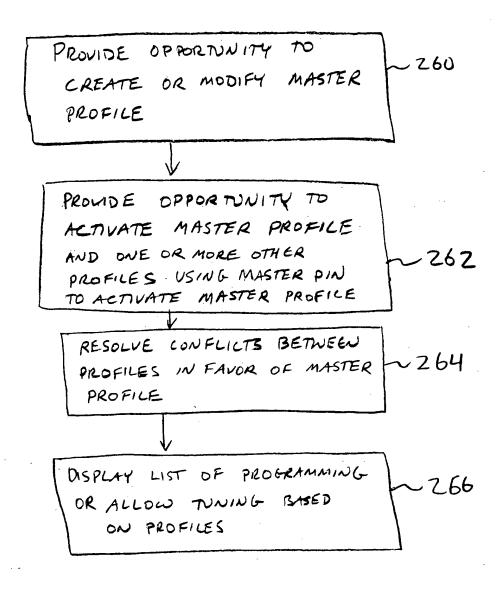
PROFILE JOEY

COMEDY STRONG LIKE

R RATING MANDATORY

:

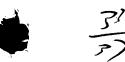
FlG. 29



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PRO	FILE						
PROFILE NAM	E: MIKE						
PROGRAM	settings						
COMEDY	STRONG LIKE						
ENGLISH	MANDATORY	\dashv					
SCOPE = M	ODERATE						
	RAM SETTNIGS						
AUDIO		7/-2/0					
	DOLBY ON AD OFF						
SIERED ON THE							
DISPLA	∤	11					
BRIGHT	BRIGHTNESS 9 HIGHD 270						
TEXT LANGUAGE 1 FRENCHD							
		1					

F16.31



PROUIDE OPPORTUNITY FOR
SETTING PROGRAM SETTINGS
(PREFERENCE ATTRIBUTES AND
PREFERENCE LEVELS)
ASSOCIATED WITH PROFILE

-272

PROVIDE OPPORTUNITY FOR SETTING NON-PROGRAM SETTINGS ASSOCIATED WITH PROFILE

- 274

PROVIDE OPPORTUNITY TO ACTIVATE PROFILE

-276

OPERATE USER TELEVISION

EQUIPMENT AND PROGRAM

GUIDE USING

NON-PROCRAM SETTINGS

ASSOCIATED WITH PROFILE

-278

PROVIDE ACCESS TO E-MAIL
OR OTHER MESSAGING SERVICE
BASED ON INFORMATION ON
WHICH PROFICE IS ACTIVE

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